



UNITED ARAB EMIRATES  
MINISTRY OF EDUCATION



# Student Guidebook

# Project Based Learning and Assessment

Name: \_\_\_\_\_

Grade, Stream, Section:

Subject:



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# Introduction

## Welcome to Project-Based Learning and Assessment (PBLA)

Project-based Learning and Assessment (PBLA) is a way of learning by doing! It is a different way of learning and getting grades than taking tests. It helps us work on solving real world problems, learn about big issues and think of new ways to make a difference. Working on projects also helps us learn important skills.

### Through PBLA, I can:

- explore real-world problems
- build important skills
- work well in a team
- be innovative
- show what I have learned

I promise to:

- connect our projects to our community
- respect our classmates' different backgrounds and skills
- understand what our projects are about and how they will be graded
- share ideas with others
- appreciate what everyone brings to our projects
- listen to our teachers' feedback and use it to learn and get better

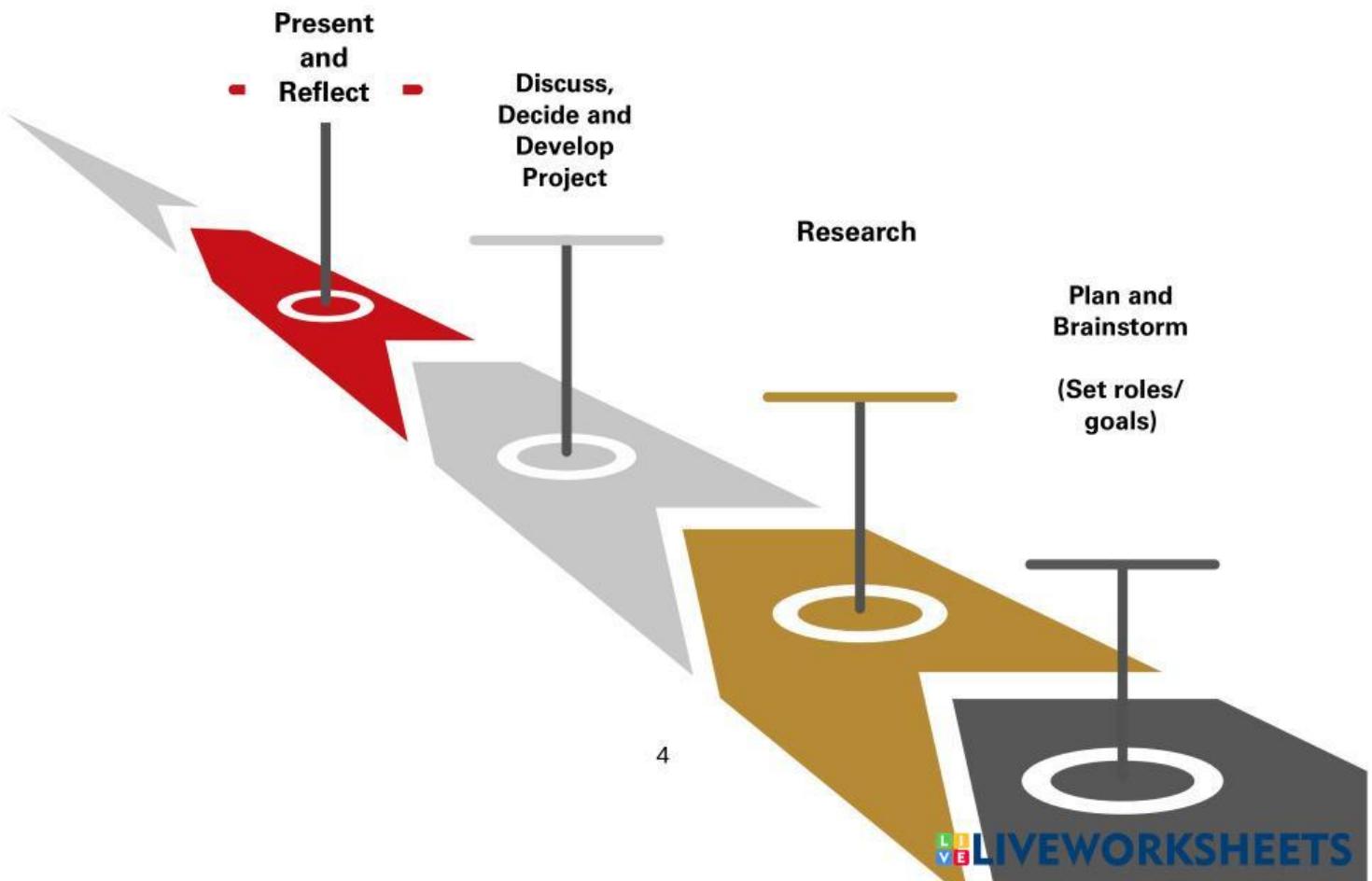
This guide will help me with my PBLA journey. It tells me what I need to do to get good scores and show my best work in PBLA. I am ready to work hard, create, and make a positive difference!

# Brief description of the Project

**Our project is about:** saving energy in our community. Imagine being part of a team of designers. The team want to encourage a neighbourhood to use **less energy** and **save the environment**. They also want to use **clean energy sources**, like solar power, instead of oil and gas.

**We will produce:** a poster for a neighbourhood in the UAE. My poster will explain how to save energy and use solar power.

# My learning journey of the Project



# Project Overview

Subject	English Language
Project title	Saving Energy in our Community
Project objective	<p><b>In this project:</b></p> <ul style="list-style-type: none"><li>• my group will design a <b>poster</b> to show how to <b>save energy</b> using <b>solar power</b>.</li><li>• my group will explain how <b>solar power</b> helps save energy and protect the environment.</li><li>• my group will then <b>present</b> the poster to the class</li></ul>

## Steps for Success

### Brainstorm Ideas

**Start with a question:** What problem are you trying to solve?

**Write everything down:** Every idea is a good idea at this stage!

**Think of real-life examples:** What have you seen that could help?

**Work as a team:** Share your ideas and listen to others.

**Be creative:** Imagine new ways to do things, even if they seem unusual.

**Build on ideas:** Share a classmate's idea and make it even better.

**Keep it simple:** Small ideas can make a big difference!

### Choose Roles

Potential roles for students:

#### 1. Researcher

- Look into clean energy, like energy from the sun (solar), or wind and water, and how they work
- Learn how these can help save the environment

#### 2. Problem solver

- Think about how we use a lot of electricity at home.
- Look into ways to use less energy and be greener.

#### 3. Communicator

- Think about how to communicate our ideas well in the poster
- Think about how to persuade people to be greener

#### 4. Proofer

- Check the sentences we wrote. Make sure all our English is correct.

## Materials We Might Need

The following are suggested materials to choose from:

1. A4/A3 paper
2. Rulers
3. Coloured pencils/pens
4. Reference materials on sustainability, lifestyle in the past and the present (The Big Green Legacy, internet resources)
5. Electronic devices
6. Wi-Fi connection

# Roles and Responsibilities

## My Group Project Roles and Responsibilities

I know that AI tools, like ChatGPT, can help me learn, but I will use them positively.

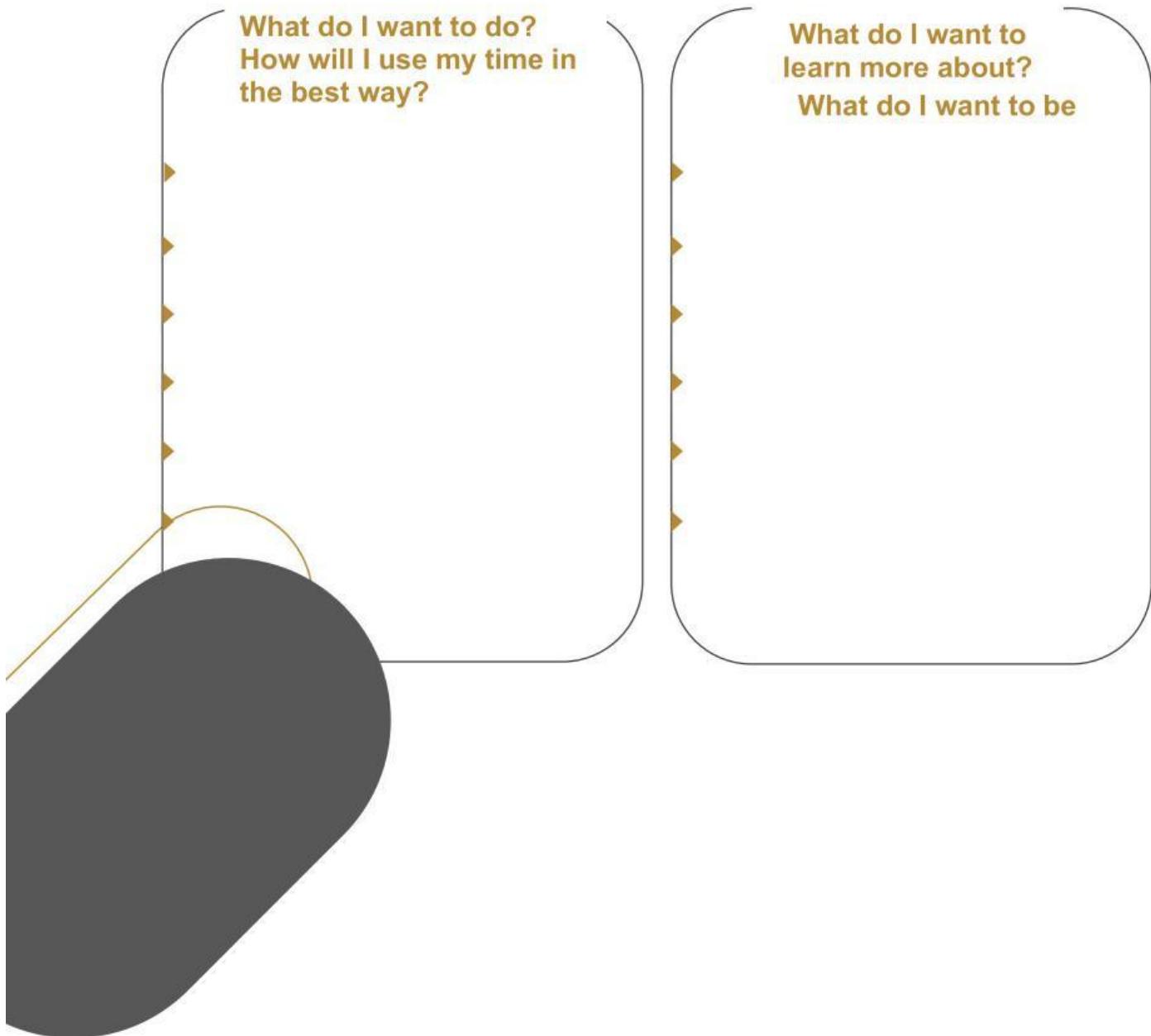
- My work will show what I know, what I can do, and how hard I worked.
- If I include any ideas from AI, I will be honest and let people know.

I can use AI to:

- get guidance
- brainstorm ideas
- check our understanding

# Roles and Responsibilities

## MY GOALS



# Milestones 1 and 2

## Milestone 1 Self-regulation and engagement

### Thinking about my learning:

Description: I am excited and ready for this work, and I can set goals for myself.

Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
<b>Self-regulation and engagement</b>	I find it hard to do this project work.  I find it hard to set my goals.	I feel ready for the project and feel like I will try my best.  I can think of a goal, but I need some help to understand the idea more.	I am excited about the project, and I am ready to work hard on it.  I have a good idea of what learning goals I want to achieve.
<b>Action Plan for Improvement</b>	Action:		

## Milestone 1: Research & Inquiry

## What are our research questions?

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## My research notes:

## Thinking about my learning:

Description: I can find out more about the topic. I can ask questions to help us think about it.

Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
Research & Inquiry	I found it hard to find reliable sources of information.  I found it hard to think of research questions.	I found some good information from my sources.  I asked some good questions to help us think about the system	I found a lot of reliable sources. I could connect ideas between them.  I asked big questions which made the group really think hard.
Action:			
Action Plan for Improvement			

## **Milestone 1: Collaboration, Communication and Contribution / Problem-Solving & Critical Thinking**

## What did we discuss?

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## What did we decide on?



## Thinking about my learning:

### 1) Collaboration, Communication & Contribution

Description: I discuss well in my group and help organize our tasks.

### 2) Problem-solving & Critical thinking

Description: I can see problems, find solutions, and change as needed.

Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
<b>Collaboration, Communication &amp; Contribution</b>	I only spoke a little about the project.	I gave some ideas to the group and helped to come to decisions.	I gave many original ideas and I helped organize our work.
Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
<b>Problem-solving Critical Thinking</b>	I found it hard to solve the problems.  My teammates made all the decisions.	I could see some of the problems and I tried to think of ways to fix them.  Sometimes, I need help for making decisions.	I thought about different and original solutions and shared them with my team.
Action Plan for Improvement	Action:		

## Milestone 2: Presentation and Reflection

**What will be my role in the presentation?**

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**What have I learnt?**

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**How does the project connect to the real world?**

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## Thinking about my learning

1) Presentation Skills: I can present well to my classmates			
Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
Presentation Skills	I find it hard to talk in front of people.	I find it easy to talk to the class and they could understand me.	I find it very easy, and I feel confident talking to the class.
	I find it hard to explain what I learnt.	I find it easy to say something about what I learnt, and how I solved problems in the work.	I find it very easy to describe how we fixed problems and what I learnt.
2) Innovation: We used new and original ideas and our presentation was creative			
Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
Innovation	We needed ideas to make our presentation more original.	I thought we had some new and original ideas.	We had very creative ideas.
		We had some new and interesting ways to do our presentation.	We presented our ideas in a really exciting and different way.
3) Content/Topic Mastery: I understand and can explain this topic.			
Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
Content/Topic Mastery	I only know a few simple things about this topic.	I understood most of what the class said on the topic.	I feel like I understand everything on this topic and I can explain it to people.
	I found it hard to understand the ideas that were said	I need some things explaining more.	
4) Application of Knowledge/Skills: I connect what I've learned to real-world situations.			
Select your level:	<input type="checkbox"/> Beginning	<input type="checkbox"/> Developing	<input type="checkbox"/> Acquired
Application of Knowledge/Skills	I found it hard to understand how this will work outside the classroom.	I can think of some examples of how this will work outside the classroom.	I feel like I have really good ideas about how this will help people outside the classroom.
		I need some help to think of more ideas.	
Action Plan for Improvement	Action:		